

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014535.D
 Acq On : 03 Jul 2023 15:09
 Operator : KP/MD
 Sample : 03510-04
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

Quant Time: Jul 04 03:01:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

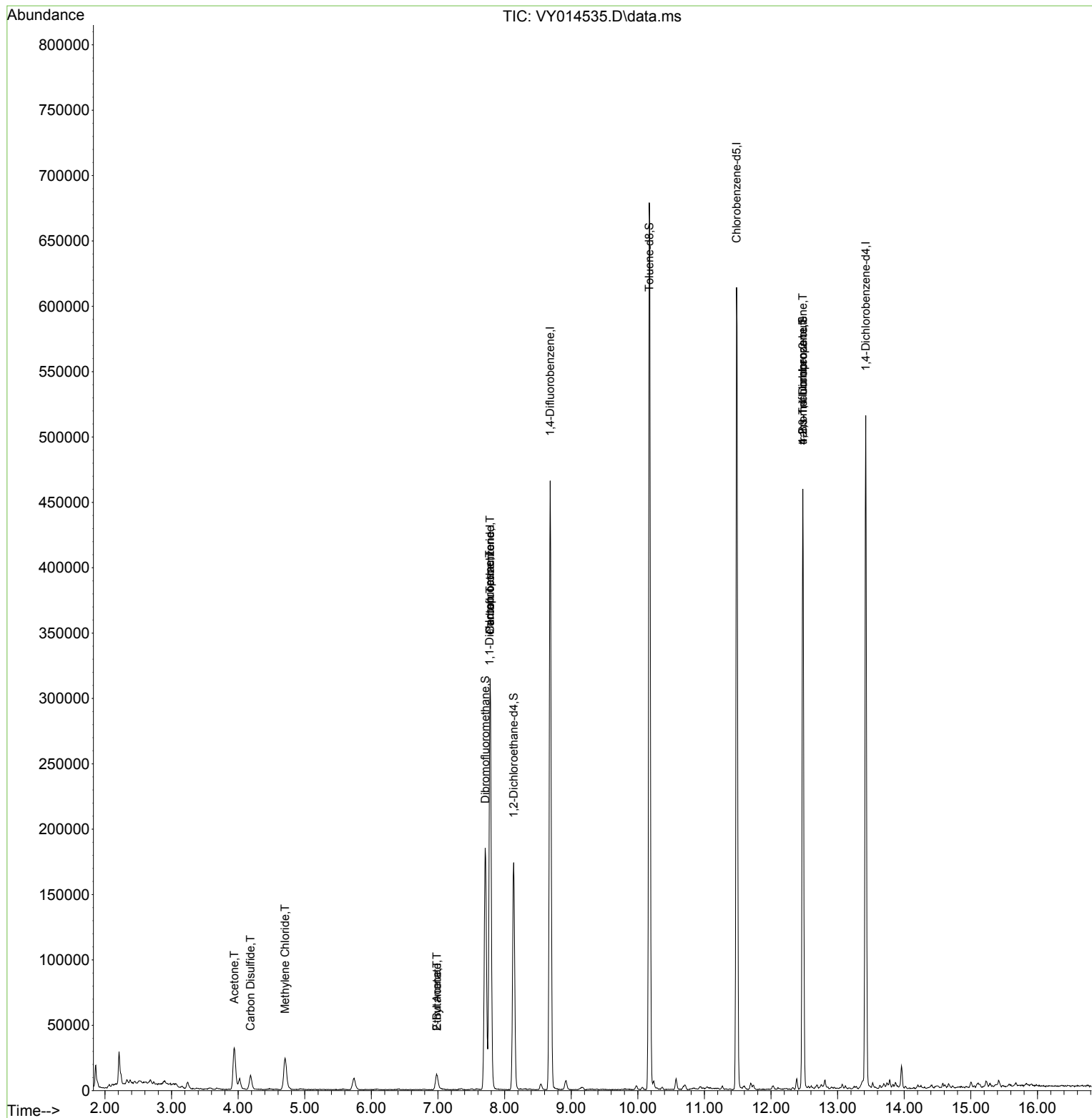
Internal Standards						
1) Pentafluorobenzene	7.783	168	274383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	420588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	372003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136914	50.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.320%	
35) Dibromofluoromethane	7.710	113	132694	51.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.460%	
50) Toluene-d8	10.173	98	482025	47.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.160%	
62) 4-Bromofluorobenzene	12.477	95	138767	39.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.060%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	79	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	1285	Below Cal	#	89
13) Acrolein	3.716	56	169	Below Cal	#	14
16) Acetone	3.942	43	56863	66.709	ug/l #	85
17) Carbon Disulfide	4.186	76	20634	2.631	ug/l	98
20) Methylene Chloride	4.704	84	19502	1.292	ug/l #	89
25) 2-Butanone	6.984	43	16931	13.414	ug/l	97
36) 1,1-Dichloropropene	7.777	75	17512	4.415	ug/l #	49
37) Ethyl Acetate	6.984	43	16931	6.224	ug/l #	71
38) Carbon Tetrachloride	7.783	117	22968	5.547	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	63568	36.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63568	70.859	ug/l #	11

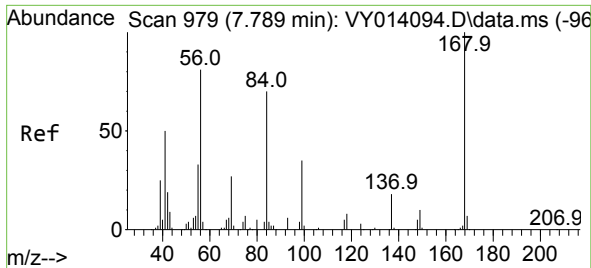
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
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MSVOA_Y
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WC-WWS-06-G

Quant Time: Jul 04 03:01:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
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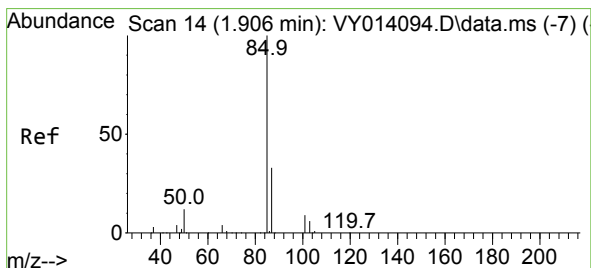
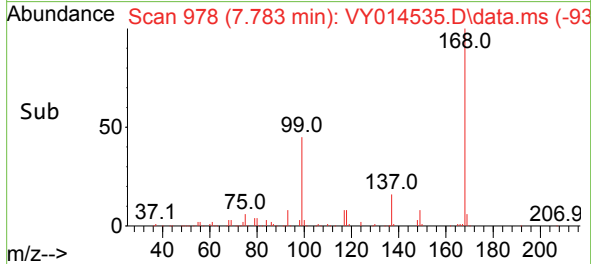
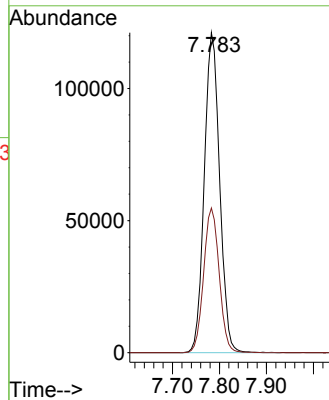
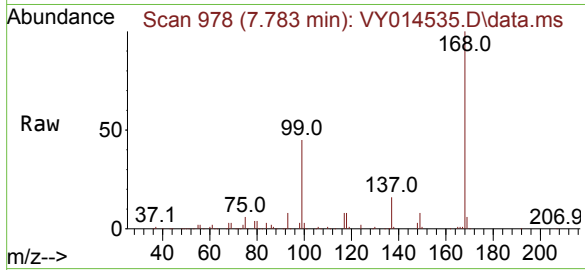




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

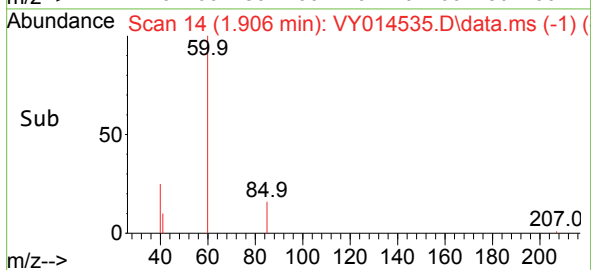
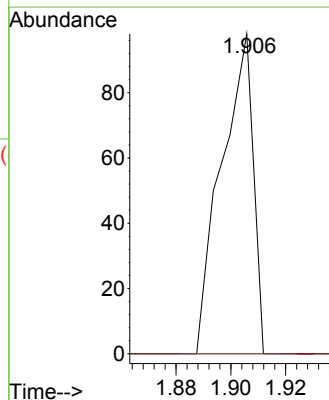
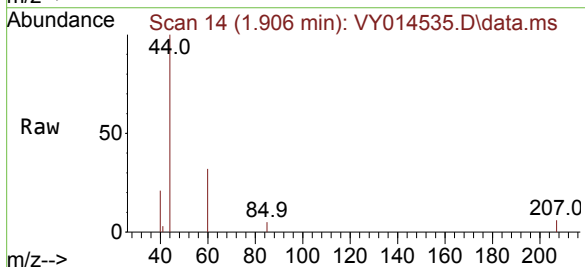
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

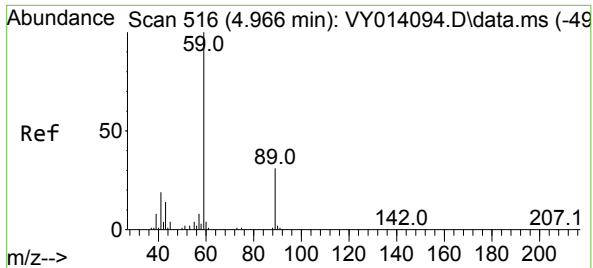
Tgt Ion:168 Resp: 274383
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 85 Resp: 79
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

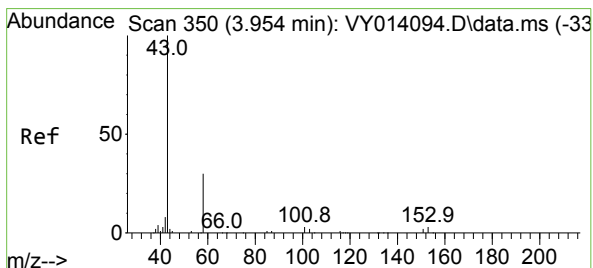
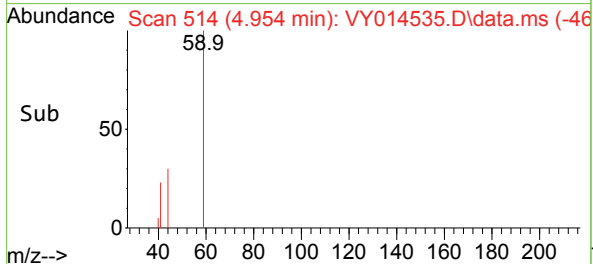
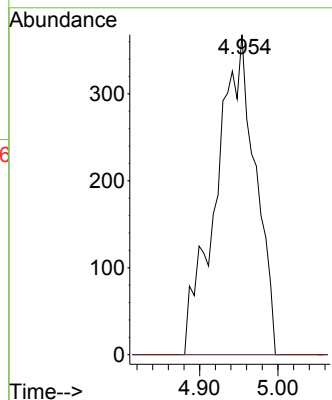
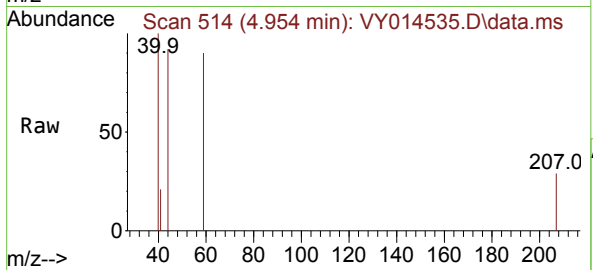




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

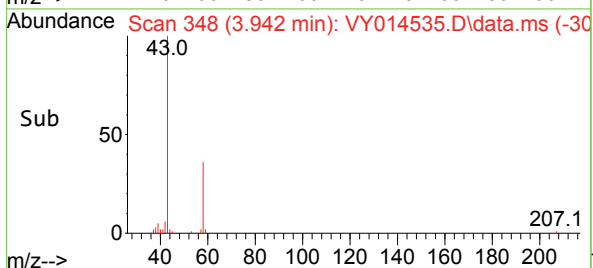
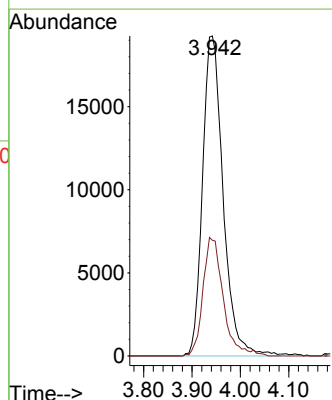
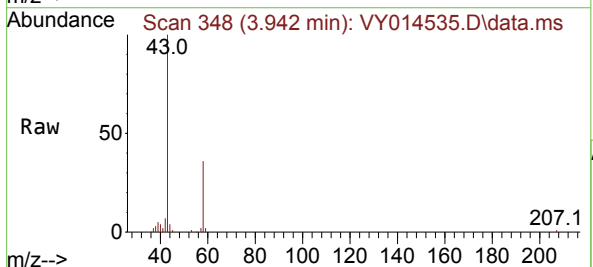
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

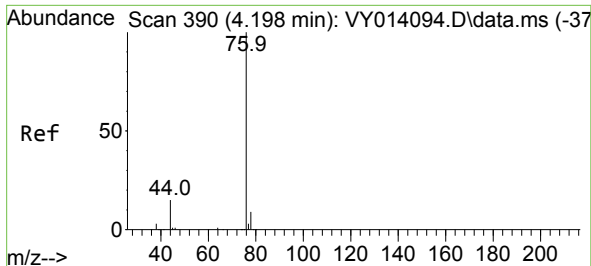
Tgt Ion: 59 Resp: 1285
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 66.709 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 43 Resp: 56863
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#

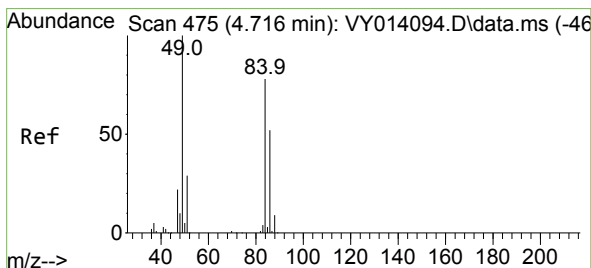
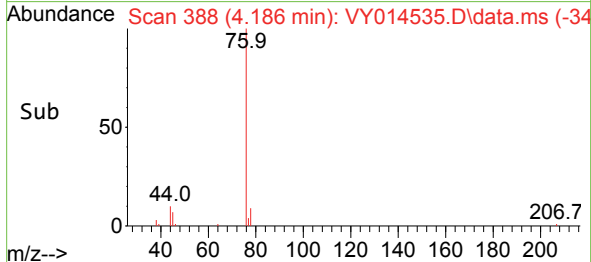
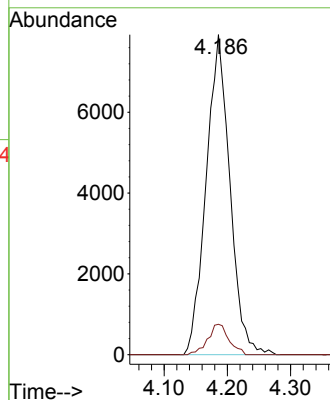
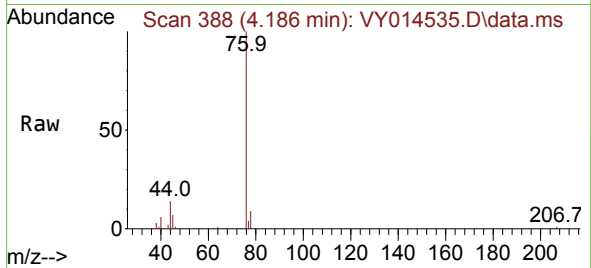




#17
Carbon Disulfide
Concen: 2.631 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

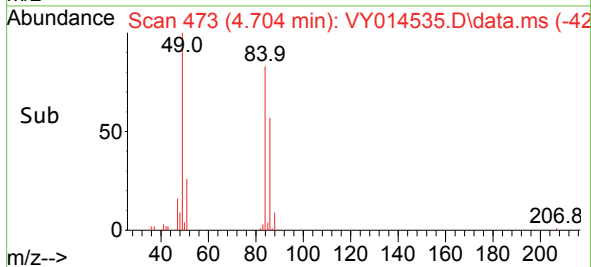
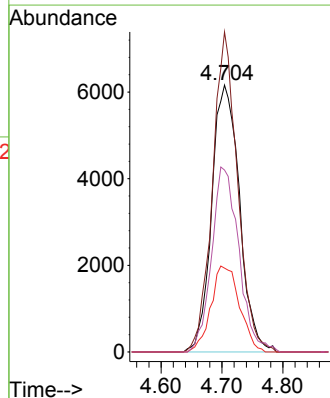
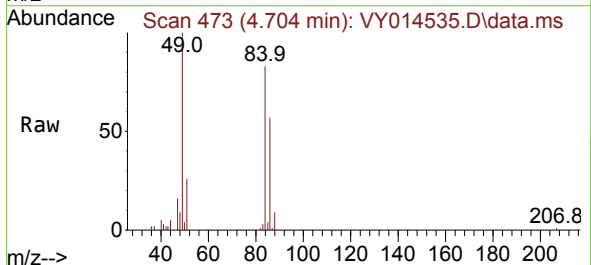
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

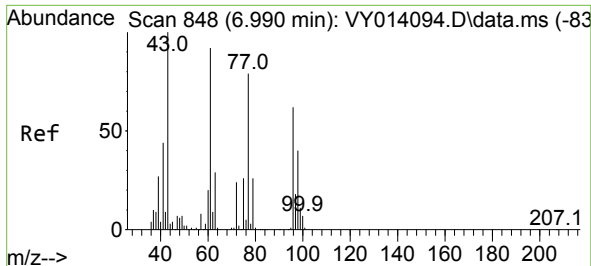
Tgt Ion: 76 Resp: 20634
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#20
Methylene Chloride
Concen: 1.292 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 84 Resp: 19502
Ion Ratio Lower Upper
84 100
49 119.9 106.9 160.3
51 31.4 33.2 49.8#
86 68.2 51.0 76.6

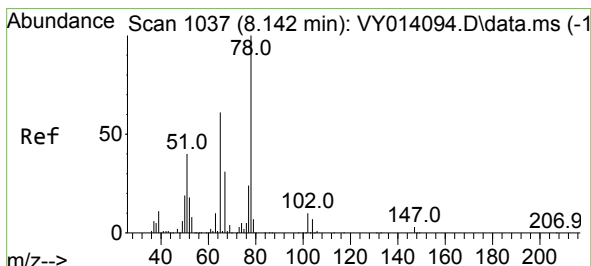
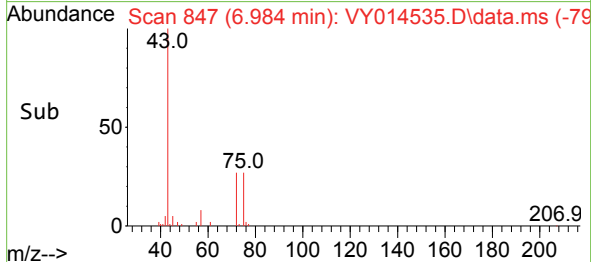
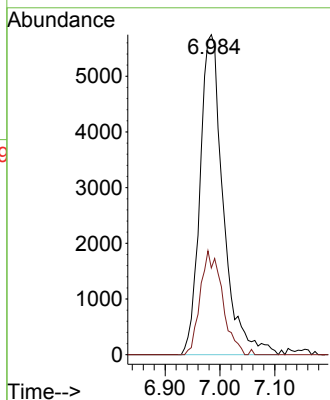
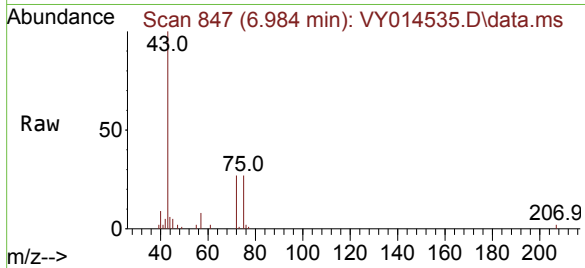




#25
2-Butanone
Concen: 13.414 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

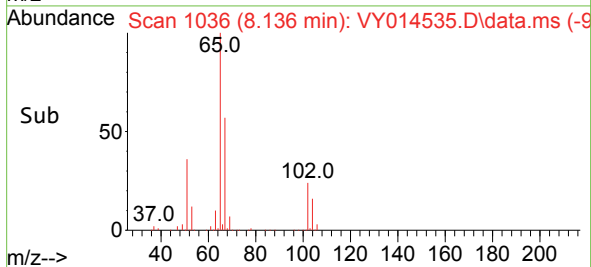
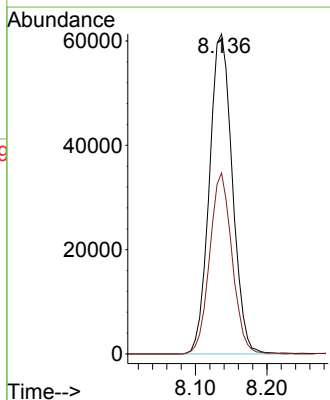
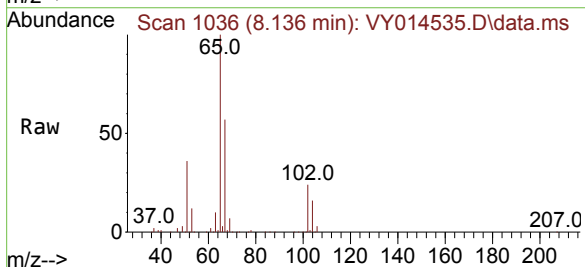
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

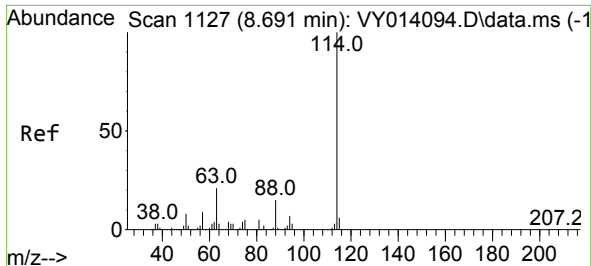
Tgt Ion: 43 Resp: 16931
Ion Ratio Lower Upper
43 100
72 27.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 50.160 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 65 Resp: 136914
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.8

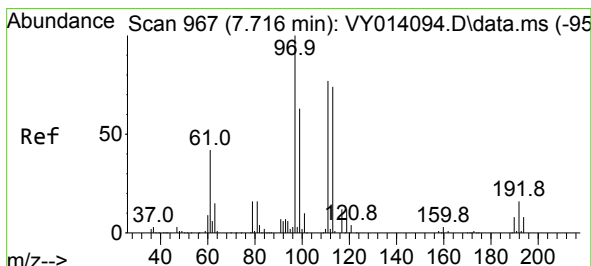
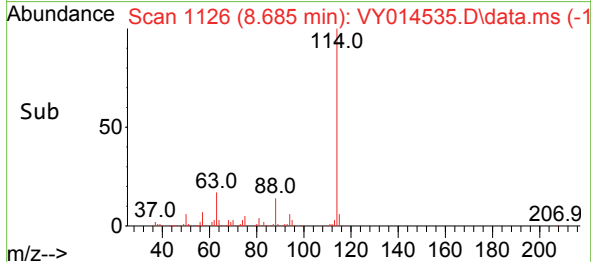
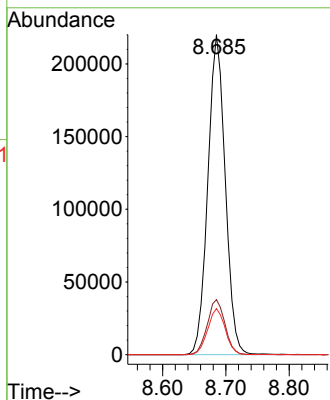
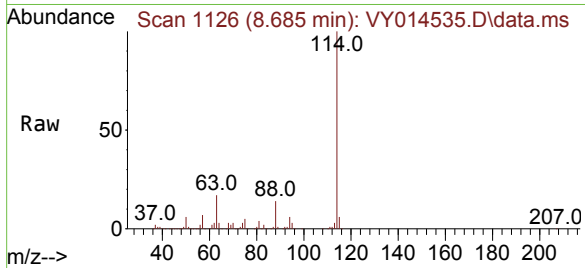




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

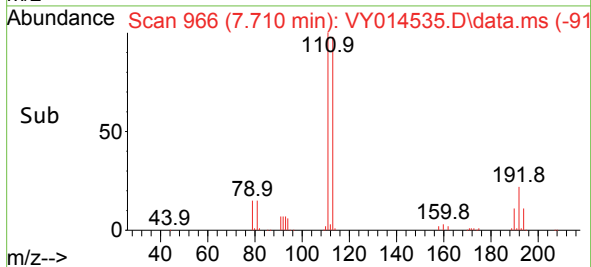
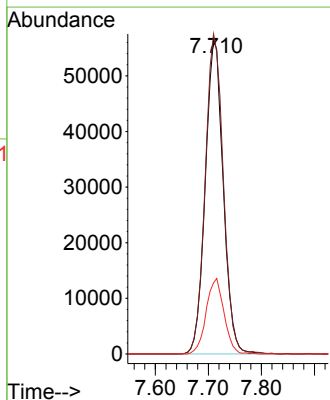
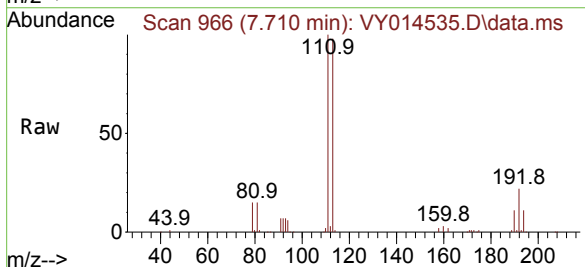
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

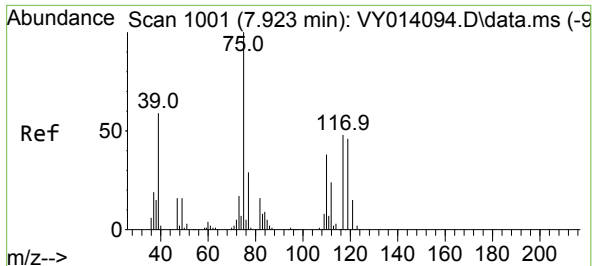
Tgt Ion:114 Resp: 420588
Ion Ratio Lower Upper
114 100
63 17.2 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.233 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion:113 Resp: 132694
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 23.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.415 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.146 min

Lab File: VY014535.D

Acq: 03 Jul 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-06-G

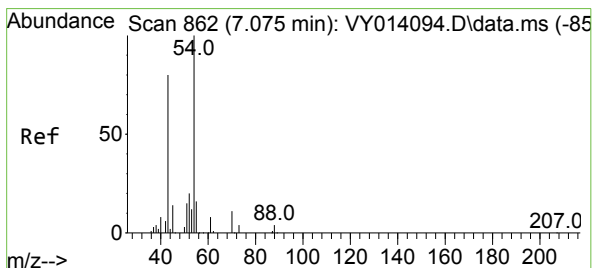
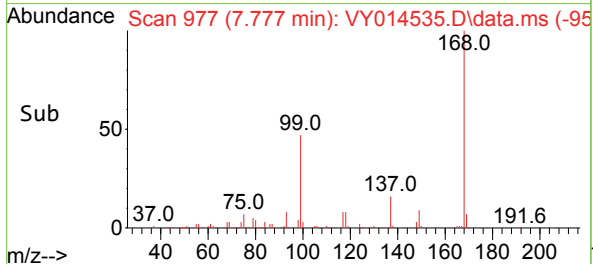
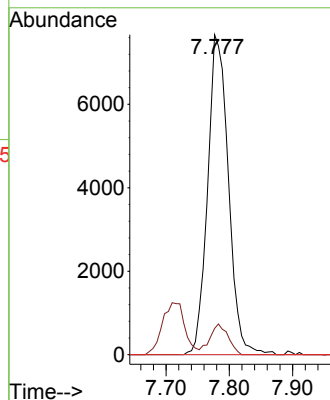
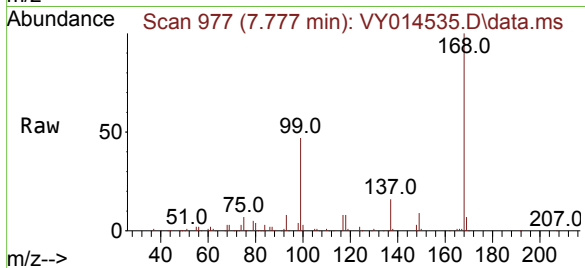
Tgt Ion: 75 Resp: 17512

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 6.224 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.091 min

Lab File: VY014535.D

Acq: 03 Jul 2023 15:09

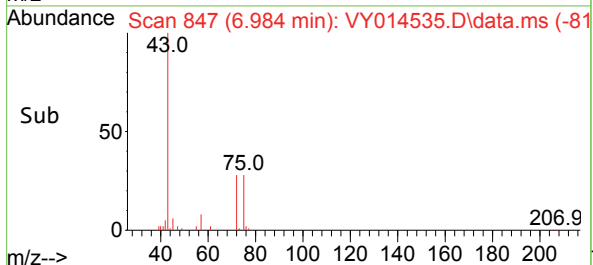
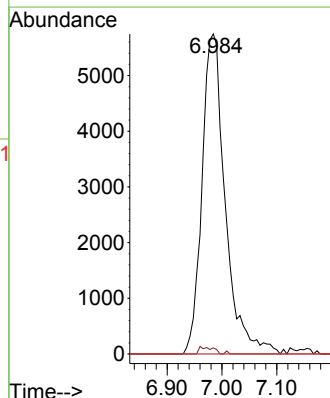
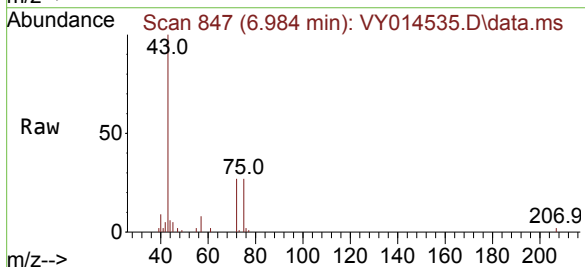
Tgt Ion: 43 Resp: 16931

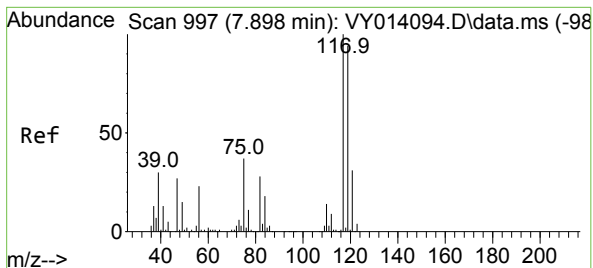
Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.547 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.115 min

Lab File: VY014535.D

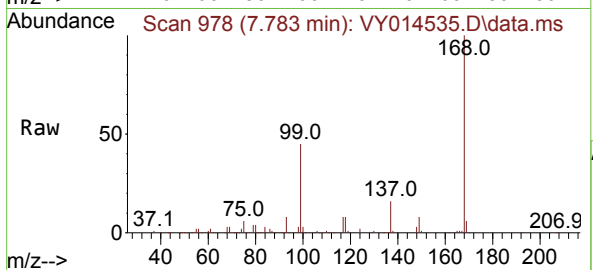
Acq: 03 Jul 2023 15:09

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WC-WWS-06-G



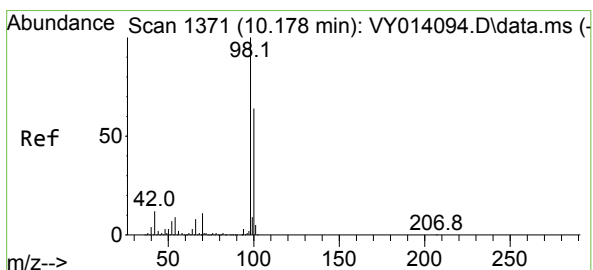
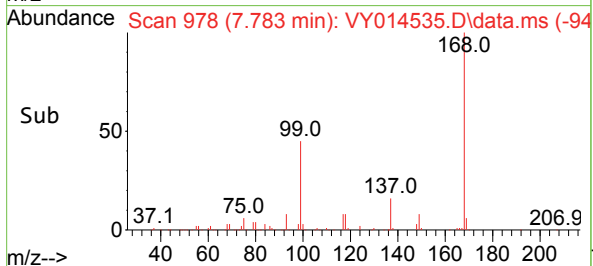
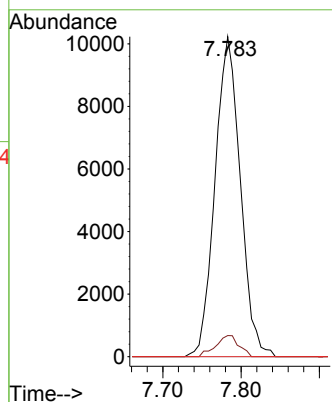
Tgt Ion:117 Resp: 22968

Ion Ratio Lower Upper

117 100

119 6.6 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 47.079 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014535.D

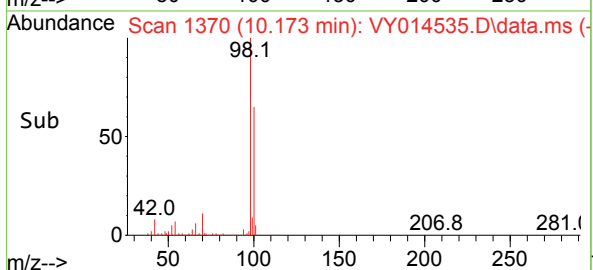
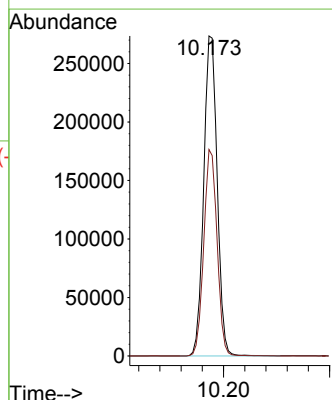
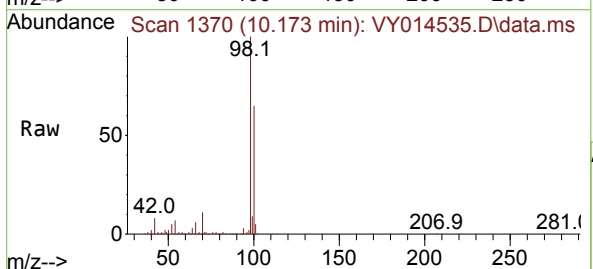
Acq: 03 Jul 2023 15:09

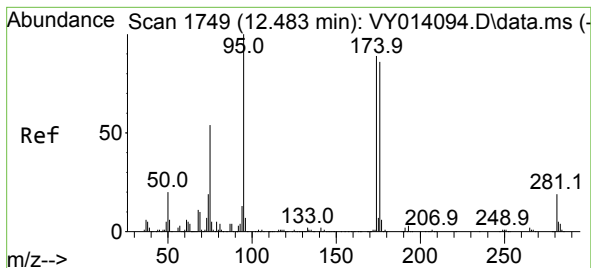
Tgt Ion: 98 Resp: 482025

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1

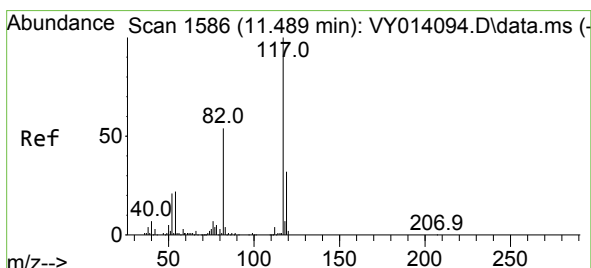
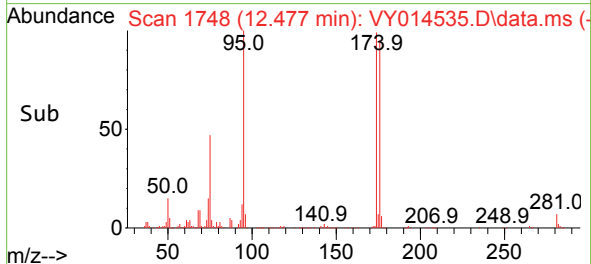
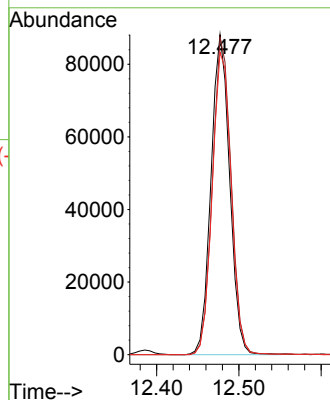
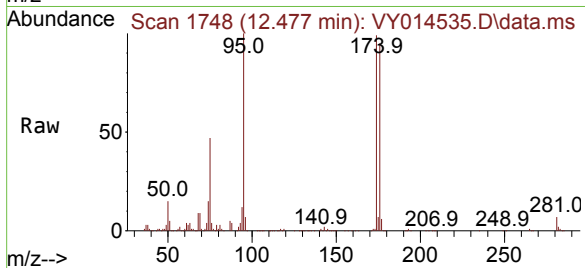




#62
4-Bromofluorobenzene
Concen: 39.031 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

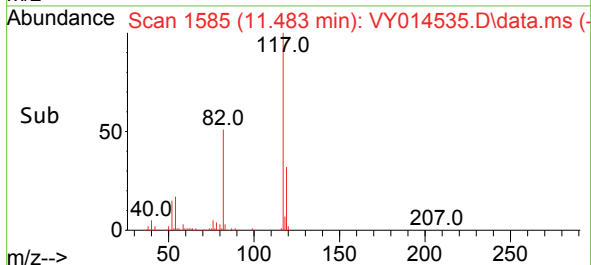
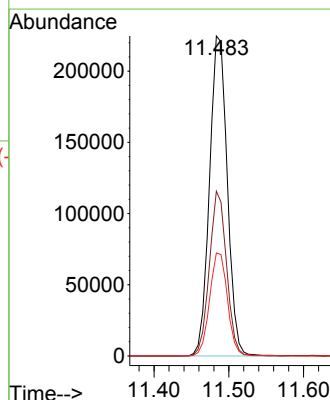
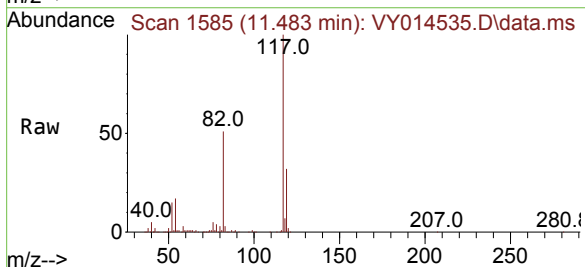
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MSVOA_Y
ClientSampleId :
WC-WWS-06-G

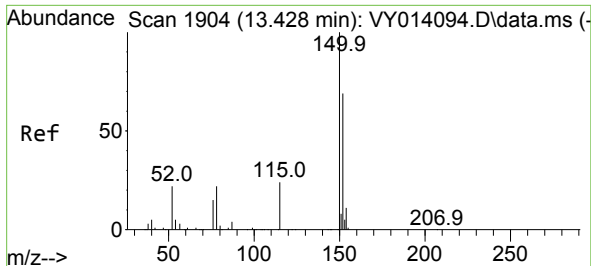
Tgt Ion: 95 Resp: 138767
Ion Ratio Lower Upper
95 100
174 99.5 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014535.D
Acq: 03 Jul 2023 15:09

Tgt Ion: 117 Resp: 372003
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.2 26.3 39.5

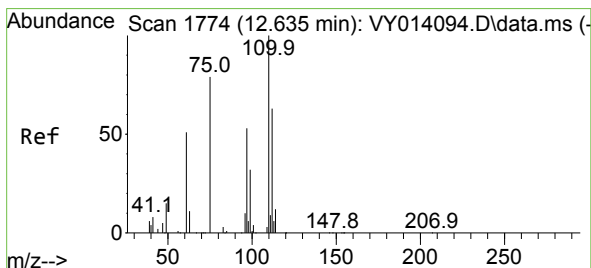
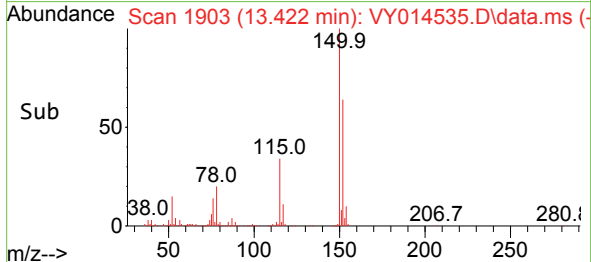
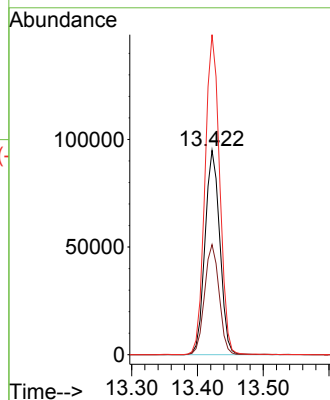
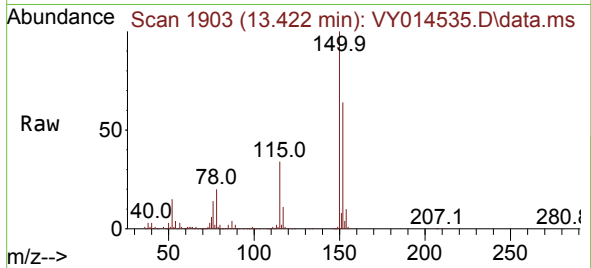




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014535.D
 Acq: 03 Jul 2023 15:09

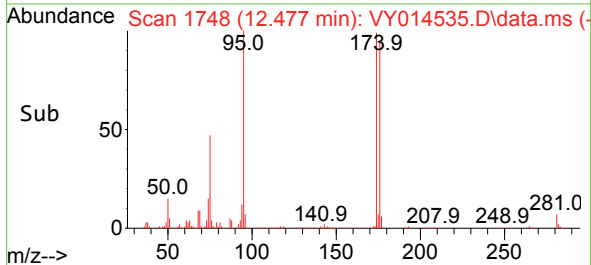
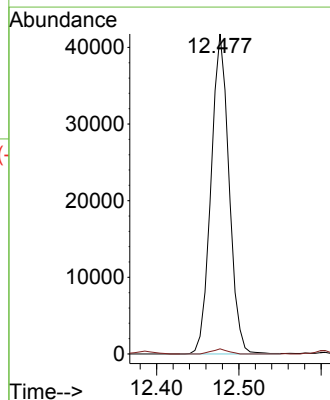
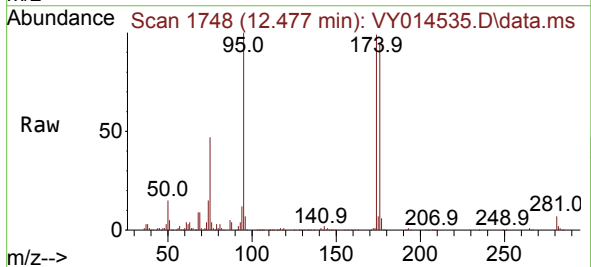
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

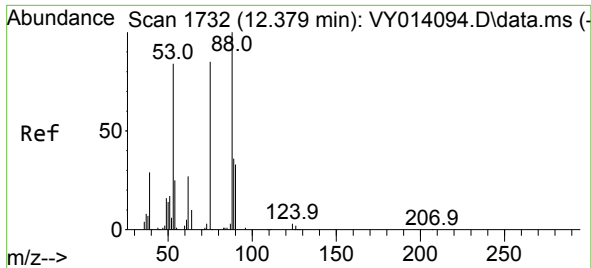
Tgt Ion:152 Resp: 148803
 Ion Ratio Lower Upper
 152 100
 115 53.1 28.8 86.5
 150 155.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 36.405 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014535.D
 Acq: 03 Jul 2023 15:09

Tgt Ion: 75 Resp: 63568
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.859 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014535.D
 Acq: 03 Jul 2023 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

Tgt Ion: 75 Resp: 63568
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

